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**ABSTRACT**

An improved medicinal composition includes an effective amount of a pain relieving and anti-inflammatory pharmaceutical and an effective amount of a nutraceutical in a pharmaceutically acceptable base. At least one of the pharmaceutical and the nutraceutical treats a condition caused by an immune response of the respiratory system, particularly an immune response that triggers the cough reflex. The pharmaceutical is preferably a cough suppressant, an expectorant, or a decongestant. The nutraceutical is preferably an immune booster, an anti-oxidant, a liver protectant, a nutraceutical which sedates the cough reflex, or a combination thereof. Methods of using these compositions to treat conditions caused by a respiratory immune response are also disclosed.